SUPPLEMENTAL TYPE CERTIFICATE

10079450

This Certificate/Approval is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation and in accordance with Commission Regulation (EU) No. 748/2012 to

FOKKER SERVICES B.V.

HOEKSTEEN 40
2132 MS HOOFDDORP
NETHERLANDS

EASA.21J.059

and certifies that the change in the type design for the product listed below with the limitations and conditions specified meets the applicable Type Certification Basis and, if applicable, environmental protection requirements when operated within the conditions and limitations specified below:

Type Certificate Number: EASA.IM.A.120
Type Certificate Holder: THE BOEING COMPANY
Type: 737
Model: 737-700
737-800
737-900
737-900ER

Description of Design Change:

B737-NG SBAS Landing System
Introduction of dual independent SBAS Landing System on aircraft with a CMA-5024 p/n 100-601967-150 GLSSU sensor installed per Fokker Services CPR/CRR-0425 (EASA STC 10074404).

EASA Certification Basis:

The Certification Basis for the original product as amended by the following additional or alternative airworthiness requirements:
the following paragraph(s) at a later amendment:
issue 2 of the following CS ACNS requirements: CS ACNS.C.PBN.275, CS ACNS.C.PBN.280, CS ACNS.C.PBN.305, CS ACNS.C.PBN.310, CS ACNS.C.PBN.320, CS ACNS.C.PBN.325, CS ACNS.C.PBN.330, CS ACNS.C.PBN.335, CS

See Continuation Sheet(s)

For the European Union Aviation Safety Agency

Cologne, Germany, 09 June 2022

Nicolas DUPREZ
Project Certification Manager – STC Coordinator

ACNS.C.PBN.505, CS ACNS.C.PBN.520, CS ACNS.C.PBN.530, CS ACNS.C.PBN.535, CS ACNS.C.PBN.545, CS ACNS.C.PBN.550, CS ACNS.C.PBN.560, CS ACNS.C.PBN.565, CS ACNS.C.PBN.575, CS ACNS.C.PBN.580, CS ACNS.C.PBN.2110, CS ACNS.C.PBN.2115, CS ACNS.C.PBN.2120, CS ACNS.C.PBN.2125, CS ACNS.C.PBN.2130
initial issue of the following CS FCD requirements: CS FCD.200, CS FCD.300 (e)(3) and (f), CS FCD.400, CS FCD.405, CS FCD.410, CS FCD.415, CS FCD.420 CS FCD.425.
issue 2 of the following CS MMEL requirements: CS MMEL.135, CS MMEL.140, CS MMEL.145 (a) thru (d), CS MMEL.150

The requirements for environmental protection and the associated certified noise and/ or emissions levels of the product are unchanged and remain applicable to this certificate/approval without any impact on the noise database.

Associated Technical Documentation:
-Certification Program ref. CPR-0435 issue 7
-Compliance Record Report ref. CRR-0435 issue 2
-AFM Supplement ref. B737-SLS-AFM-S-001 issue 3
-MMEL Supplement ref. B737-SLS-MMEL-S-001 revision 4
-FCD Supplement ref. B737-SLS-FCD-S-001 issue 3
or later revisions of the above listed document(s) approved/accepted under the EASA system.

Limitations/Conditions:
This STC is to be applied on aircraft in conjunction with EASA STC 10074404 “Activation of standalone GNSS sensor system on Boeing 737-NG Aircraft”, ref CPR/CRR-0425, installing a CMA-5024 GPS Landing System Sensor Unit (GLSSU).

Prior to installation of this change/repair it must be determined that the interrelationship between this change/repair and any other previously installed change and/ or repair will introduce no adverse effect upon the airworthiness of the product.

- End -